



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

20NR-68
Job Sheet 192978



Part No: 20NR-68

Job Qty: 20 pcs

Part Name: Light Release Spring



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/5/19

Job Tracking No:

Due Date: 5/14/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG 20NR-68 REV 0 IPP Rev. A 19.04.02 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Workcenter / Supplier Lead Time	Sign-off
100	Purchasing	20 pcs	5/14/19	5/14/19	0.00	0.00	Purchasing - 1	15	APR 23 2019
							Purchasing - 2	15	
							Purchasing - 3	15	
110	Packaging 2-1 - Receive - B4B	20 pcs	5/14/19	5/14/19	0.00	0.00	Packaging 2 - 1 - B4B		APR 23 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		



Container No: S174375



Part: 20NR-68

Job No: 192978

Serial No/Batch: S174375

Revision: 0

Inspector:

Exp Date:

Instructions:

Date: 04/23/19

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120	QC 6	20 pcs	5/14/19	0.00 0.00	QC 6 - 9	MAY 10 2019 DAS 40 9-89
					QC 6 - 68	
					QC 6 - 61	
130	Packaging 3-1 - Stock - B4B	20 pcs	5/14/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	G-182 5 MAY 13 2019
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140	QC 21 - FG	20 pcs	5/14/19	0.00 0.00	QC 21 - FG - 21	
					QC 21 - FG - 70	
					QC 21 - FG - 53	DAS 21 MAY 13 2019 9-89
					QC 21 - SA - 53	

Part Op **100** - (Purchasing) Issue PO to DENDOFF SPRINGS. PO# 048122. Fabricate as per drawing
 Descriptions: **110** - (Receive & Inspect for Damage & Mat'l Certs)
120 - (QC6- All purchased or subcontracted products) Dimensional check. Ensure springs are bent as per DWG.
130 - (Identify as per dwg & Stock Location: _____)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
20NR-68P	Light Release Spring	20 pcs (1 ea)	100-Purchasing	5174373

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	20NR-68P	20	8	0
Part Specifications				
Specifications could not be found.				

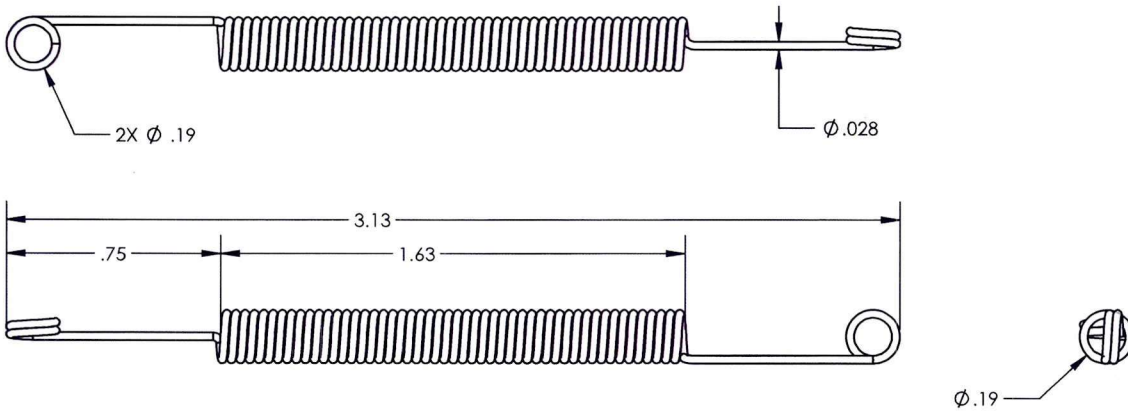
Plex 4/5/19 9:04 AM dart.lavoie.chantal

Dendoff

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

E-MAILED
APR 02 2010



USED ON
20NR
8NR

RED BARN MACHINE	
TITLE LIGHT RELEASE SPRING	
DWG NO. 20NR-68	REV
MAT'L STEEL	DRAWN BY: SMITH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .016	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 2:1	DATE 8/19/2013
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
		B/O	20NR-68	1	LIGHT RELEASE SPRING	STEEL	Ø.028 WIRE X 3-1/8 DENDOFF



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO043122



Supplier: DEN002-VC
Dendoff Springs LTD.
12045 Old Yale Road
Surrey
BC
V3V 3X4
Phone: 604 580 3400
Fax: 604 580 3600

PO No: PO043122

PO Date: 4/5/19

Due Date: 5/9/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

APR 05 2019

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Fedex Economy

Pynt Terms: Net 30

Freight Terms: Collect

Special Comments: QUOTE NO. 26666

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	192978	20NR-68P		Light Release Spring AS PER DWG 20NR-68 REV. 0	Firmed -		5/9/19	20 pcs	0 pcs	20 pcs	\$30.00/pcs	\$600.00
Grand Total:												\$600.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

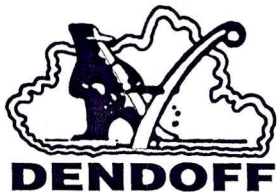
A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 4/5/19 10:20 AM dart.lavoie.chantal



DENDOFF SPRINGS LTD.
12045 OLD YALE ROAD
SURREY, BC V3V 3X4
Canada

Ph: 604-580-3400

Fax: 604-580-3600

Pack List

Number: 53756

Date: 17-Apr-19

To

DART AEROSPACE LTD
1270 Aberdeen St
Hawkesbury,, ON K6A 1K7
Canada

Ship To

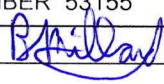
Chantal Lavoie
DART AEROSPACE LTD
1270 Aberdeen St
Hawkesbury,, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-4443

Ph: 613-632-5200

Fax: 613-632-4443

Terms	Ship Via
Net 30 days	Fed Ex
Quantity	Description
20 ea	Part: DART-004 20NR-68 LIGHT RELEASE SPRING Job: 74874 PO: PO043122 Rev: Line: MATERIAL P.O. 15145 .028" STAINLESS T316 HEAT NUMBER 53155 Signature  DQR-057 Rev. 0 May 2003

DAS
40
9-89

Gibbs Certificate of Analysis

Gibbs Wire & Steel Company, Inc. 3751 Olive Road, South Bend, Indiana 46628

GIBBS WIRE & STEEL CO.
241 DEERHURST DRIVE
BRAMPTON ON L6T5K3 CANADA

Description: 0.0280" P/M.0005
Type 316 Coated Stainless Steel Wire

PO# 15745

Date Shipped: 6/4/2012

Cust Order #: 99011

Amount Shipped: 8.00

Heat Number: 53155

DAS
40
9-89

Mill Coil ID:

Gibbs Coil ID:

Gibbs Number: 25243

To Certify that the material shipped against your above order number is in accordance with

Specification: ASTM A313-10 TYPE 316

C:	0.0170	Mn:	1.4100	P:	0.0340	Sul:	0.0260
Si:	0.3000	Cr:	16.7200	Ni:	10.6400	Mo:	2.0000
Co:		Cu:	0.4200	N2:	0.0500	Fe:	
Ti:		Al:		Be:		W:	
Zn:		Sn:		Pb:		Cb:	
Ta:		V:					

PRE-HEAT

POST-HEAT

MIN

MAX

MIN

MAX

Tensile Strength: 249,000

249,000

Condition CH900:

Mill Source/Rod Source: SUMIDEN

USA

Reduction of Area:

MATERIAL FREE FROM MERCURY CONTAMINATION
COILING & WRAP TEST GOOD
DFARS COMPLIANT

Alison Fink

Gibbs Wire & Steel Company, Inc.
Certification Clerk

Alison Fink